

CLAIMS

We claim:

1. A wireless access management system comprising:
a management network having an access management channel that sends a first data packet with a payload channel identifier to a first wireless device;
a first wireless network that is able to establish a payload channel between the first wireless network and a first pilot device controlled by the management network; and
the management network directing a plurality of packets of data over the payload channel to the first pilot device with a subset of packets containing an identifier that is associated with the first wireless device.
2. The wireless access management system of claim 1, wherein the identifier is a universal identity.
3. The wireless access management system of claim 2, wherein the universal identity has a data universal identity and a voice universal identity.
4. The wireless access management system of claim 1, including:
a virtual identity associated with the first wireless network assigned to the wireless device by the management network; and
another payload channel established between the first wireless device and the first wireless network using the virtual identity assigned to the wireless device.
5. The wireless access management system of claim 4, wherein the management network selects the virtual identity associated with the first wireless network from at least two wireless networks that include the first wireless network, with each of

the wireless networks associated with a plurality of virtual identities and one of the plurality of virtual identities contains the virtual identity.

6. The wireless access management system of claim 4, wherein the other payload channel carries voice encoded data.

7. The wireless access management system of claim 1, further comprising:
another payload channel between the first wireless network and a second pilot device that is controlled by the management access network in response to detection by the wireless access management of predetermined bandwidth condition being met.

8. The wireless access management system of claim 7, wherein the predetermined bandwidth condition is based on a usage history of the first wireless device.

9. The wireless access management system of claim 4, further comprising:
a priority associated with the first wireless device;
an emergency center through which a communication channel controlled by the management network couples the other payload channel used by the first wireless device and another communication device having another priority; and
an originating device having an originating priority that is greater than the other priority and displaces the other communication device on the communication channel that includes the other payload channel.

10. The wireless access management system of claim 9, wherein the communication channel is routed through the emergency center upon detection of an emergency condition.

11. The wireless access management system of claim 10, wherein the emergency condition activated manually.

12. The wireless access management system of claim 9, wherein the originating device is a PSTN phone.

13. The wireless access management system of claim 9, wherein the originating device is another wireless device

14. A wireless device, comprising:

a receiver with a unique identifier that receives via a control channel a message containing a plurality of management data originating from a management network; and

a controller that processes the message and configures the receiver in response to the plurality of management data to monitor a payload channel established in another network for messages that contain the unique identifier.

15. The wireless device of claim 14, wherein the unique identifier is a universal identity associated with the wireless device.

16. A wireless device, comprising:

a receiver with a unique identifier that receives via a control channel a message containing a virtual identity associated with another network from a management network; and

a controller that process the message and configures the wireless device to communicate over the other network using the virtual identity.

17. The wireless device of claim 16, wherein the wireless device is in encoded voice communication with the other network.

18. The wireless device of claim 16, wherein wireless device releases the virtual identity upon completion of communication.

19. A method for wireless access management, comprising:
establishing a payload channel that is associated with a payload identifier between a first wireless network and a first pilot device controlled by a management network;
sending from the management network to a first wireless device via an access management channel a message that contains the payload channel identifier;
directing a plurality of packets of data by the management network over the payload channel with a subset of the plurality of packets of data having an identifier detectable by the first wireless device.

20. The method of wireless access management of claim 19, further comprising encoding the subset of the plurality of packets with a universal identity associated with the first wireless device.

21. The method of wireless access management of claim 20, wherein the universal identity has a data universal identity and a voice universal identity.

22. The method of wireless access management of claim 19, including:
assigning of a virtual identity associated with the first wireless network by the management network to the wireless device; and

establishing another payload channel between the first wireless device and the first wireless network using the virtual identity.

23. The method of wireless access management of claim 22, where assigning further includes:

selecting the virtual identity by the management network from between at least two wireless networks that include the first wireless network, with each of the wireless networks associated with a plurality of virtual identities and one of the plurality of virtual identities contains the virtual identity.

24. The method of wireless access management of claim 19, further comprising:

detecting a predetermined bandwidth condition being met in the management network; and

establishing another payload channel between the first wireless network and a second pilot device that is controlled by the management network in response to the predetermined bandwidth condition being met.

25. The method of wireless access management of claim 24, wherein the other payload channel carries voice encoded data.

26. The method wireless access management of claim 19, further comprising:
establishing another payload channel between the first wireless network and a first wireless device in response to the bandwidth requirements to download a predetermined amount of data determined by the management network.

27. The method wireless access management of claim 19, further comprising:
establishing a priority associated with the first wireless device;
routing a communication channel that includes the other payload channel
controlled by the management network through an emergency that couples the first
wireless device and another communication device having another priority; and
displacing the other communication device on the communication channel with an
originating device having an originating priority that is greater than the other priority
associated with the other communication device.

28. The method of wireless access management of claim 27, wherein routing
further comprises:
detecting the activation of an emergency condition; and
rerouting the communication channel through the emergency center upon detection
of the emergency condition.

29. The method of wireless access management of claim 28, further comprising
manual activation of the emergency condition.

30. The method of wireless access management of claim 27, wherein the
originating device is a PSTN phone.

31. The method of wireless access management of claim 27, wherein the
originating device is another wireless device.

32. A method of wireless communication, comprising:

receiving at a receiver having a unique identifier via a control channel a message containing a plurality of management data originating from a management network;

processing by a controller the message; and

configuring the receiver in response to the plurality of management data to monitor a payload channel established in another network for messages that contain the unique identifier.

33. The method of claim 32, wherein the unique identifier is a universal identity associated with the wireless device.

34. The method of claim 33, wherein the universal identity further comprises a universal data identity and a universal voice identity.

35. A method in a wireless device for establishing communication, comprising:
receiving at a receiver associated with a unique identifier a message that contains a virtual identity associated with another network from the management network;

processing of the message by the controller; and

configuring the wireless device to communicate over the other network using the virtual identity.

36. The method of claim 35, further comprising:

establishing a payload channel between the wireless device and the other network.

37. The method of claim 35, wherein the wireless device is in encoded voice communication with the other network.

38. The method of claim 35, wherein wireless device releases the virtual identity upon completion of communication.

39. A wireless access management system, comprising:

means for establishing a payload channel that is associated with a payload identifier between a first wireless network and a first pilot device controlled by a management network;

means for sending from the management network to a first wireless device via an access management channel a message that contains the payload channel identifier;

means for directing a plurality of packets of data by the management network over the payload channel with a subset of the plurality of packets of data having an identifier detectable by the first wireless device.

40. The wireless access management system of claim 39, further comprising:

encoding the subset of the plurality of packets with a universal identity associated with the first wireless device.

41. The wireless access management system of claim 40, wherein the universal identity has a data universal identity and a voice universal identity.

42. The wireless access management system of claim 39, including:

means for assigning of a virtual identity associated with the first wireless network by the management network to the wireless device; and

means for establishing another payload channel between the first wireless device and the first wireless network using the virtual identity.

43. The wireless access management system of claim 42, where assigning further includes:

means for selecting the virtual identity by the management network from between at least two wireless networks that include the first wireless network, with each of the wireless networks associated with a plurality of virtual identities and one of the plurality of virtual identities contains the virtual identity.

44. The wireless access management system of claim 39, further comprising:

means for detecting a predetermined bandwidth condition being met in the management network; and

means for establishing another payload channel between the first wireless network and a second pilot device that is controlled by the management network in response to the predetermined bandwidth condition being met.

45. The wireless access management system of claim 44, wherein the other payload channel carries voice encoded data.

46. The wireless access management system of claim 39, further comprising:

means for establishing another payload channel between the first wireless network and a first wireless device in response to the bandwidth requirements to download a predetermined amount of data determined by the management network.

47. The wireless access management system of claim 39, further comprising:

means for establishing a priority associated with the first wireless device;

means for routing a communication channel that includes the other payload channel controlled by the management network through an emergency that couples the first wireless device and another communication device having another priority; and

means for displacing the other communication device on the communication channel with an originating device having an originating priority that is greater than the other priority associated with the other communication device.

48. The wireless access management system of claim 47, wherein routing further comprises:

means for detecting the activation of an emergency condition; and

means for rerouting the communication channel through the emergency center upon detection of the emergency condition.

49. The wireless access management system of claim 48, further comprising manual activation of the emergency condition.

50. The wireless access management system of claim 47, wherein the originating device is a PSTN phone.

51. The wireless access management system of claim 47, wherein the originating device is another wireless device.

52. A wireless device, comprising:

means for receiving at a receiver having a unique identifier via a control channel a message containing a plurality of management data originating from a management network;

means for processing by a controller the message; and

means for configuring the receiver in response to the plurality of management data to monitor a payload channel established in another network for messages that contain the unique identifier.

53. The wireless device of claim 52, wherein the unique identifier is a universal identity associated with the wireless device.

54. The wireless device of claim 53, wherein the universal identity further comprises a universal data identity and a universal voice identity.

55. A wireless device, comprising:

means for receiving at a receiver associated with a unique identifier a message that contains a virtual identity associated with another network from the management network;

means for processing of the message by the controller; and

configuring the wireless device to communicate over the other network using the virtual identity.

56. The wireless device of claim 55, further comprising:

means for establishing a payload channel between the wireless device and the other network.

57. The wireless device of claim 55, wherein the wireless device is in encoded voice communication with the other network.

58. The wireless device of claim 55, wherein wireless device releases the virtual identity upon completion of communication.